

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-12. (Canceled)

13. **(Currently Amended)** A method for diagnosing a gluten sensitive enteropathic autoimmune disease consisting of dermatitis herpetiformis and coeliac disease, comprising

- (a) taking a sample from a patient;
- (b) testing the sample for IgA antibodies against human tissue transglutaminase;
- (c) testing the sample for IgA antibodies against ~~at least one other transglutaminase molecule selected from the group consisting of a subunit of factor XIII (FXIIIa), keratinocyte transglutaminase (TGk), transglutaminase X (TGx), epidermal transglutaminase (TGe) and Band 4.2; and~~
- (d) correlating significantly increased amounts of the IgA antibodies specific for human tissue transglutaminase and/or IgA antibodies specific for ~~at least one other transglutaminase molecule selected from the group consisting of a subunit of factor XIII (FXIIIa), keratinocyte transglutaminase (TGk), transglutaminase X (TGx), epidermal transglutaminase (TGe) and Band 4.2~~, as compared to a control sample, with a diagnosis of a gluten sensitive enteropathic autoimmune disease, thereby diagnosing a gluten sensitive enteropathic autoimmune disease.

14-32. (Canceled)